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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 5

PATENT NO. : 7,352,743 B2

APPLICATION NO.: 10/644,467

ISSUE DATE: April 1, 2008

INVENTOR(S): Hameleers et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Fig. 5b, Sheet 6 of 10, for Tag "PCU", in Box 3, delete "SYCH" and insert - - SYNC - -, therefor

In Column 1, Line 64, delete "Points" and insert - - points - -, therefor.

In Column 3, Lines 64-67 - Column 4, Lines 1-32, delete "This object is also solved by......and the object movement.".

In Column 4, below Line 67 reading "... and the object movement" insert - - This object is also solved by a method for managing in a network the object traffic formed on a physical layer by a plurality of objects moving along a plurality of path sections of the network and a plurality of path points located at said path sections of the network, each path point having associated with it a traffic information unit adapted at least to detect the arrival of objects at the respective path point and to output a corresponding object arrival information, by controlling in a packet switched control network on a traffic control layer the packet traffic constituted by a plurality of packets being routed along a plurality of packet routing links by means of a plurality of packet control units located at said packet routing links; each packet control unit being adapted to send as a source packet control unit respective packets onto a packet routing link to a succeeding target packet control unit on the basis of a respective

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page __2_of__5_

PATENT NO. : 7,352,743 B2

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ISSUE DATE: April 1, 2008

INVENTOR(S): Hameleers et al.

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routing decision in accordance with a predetermined packet routing method used in said packet switched control network for the controlling of said packet traffic; wherein said packet switched control network on the traffic control layer is configured in such a way that packet routing links correspond to path sections; and packet control units correspond to path points; and wherein said controlling of said packet control unit is performed in such a way that each packet routed along a respective packet routing link corresponds to one object moving on a corresponding path section; comprising the following steps: detecting an object arrival at one of said path points and generating a corresponding object arrival information; and causing a packet control unit to send a packet corresponding to said object to the packet control unit corresponding to said path point at which the object arrival was detected. --, therefor.

In Column 6, Line 36, delete " R_x " and insert - - Rx - -, therefor at each occurrence throughout the patent.

In Column 6, Line 36, delete " R_a " and insert - - Ra - -, therefor at each occurrence throughout the patent.

In Column 6, Line 36, delete " R_b " and insert - - Rb - -, therefor at each occurrence throughout the patent.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page __3__of__5__

PATENT NO. : 7,352,743 B2

APPLICATION NO.: 10/644,467
ISSUE DATE: April 1, 2008

INVENTOR(S) : Hameleers et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 6, Line 36, delete " $R_{\rm c}$ " and insert -- Rc --, therefor at each occurrence throughout the patent.

In Column 6, Line 38, delete "P_x" and insert - - Px - -, therefor at each occurrence throughout the patent.

In Column 6, Line 36, delete "Pa" and insert - - Pa - -, therefor at each occurrence throughout the patent.

In Column 6, Line 36, delete " P_b " and insert - - Pb - -, therefor at each occurrence throughout the patent.

In Column 6, Line 36, delete " $P_{\rm c}$ " and insert - - Pc - -, therefor at each occurrence throughout the patent.

In Column 6, Line 38, delete "TMYS" and insert - - TMSYS - -, therefor.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 4 of 5

PATENT NO. : 7,352,743 B2

APPLICATION NO.: 10/644,467

ISSUE DATE: April 1, 2008

INVENTOR(S): Hameleers et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 6, below Line 49 reading "....and third aspect of the invention;" insert - Fig. 5b shows a principle block diagram of a packet control unit in accordance with the invention; - -.

In Column 8, Line 40, delete "SMYS" and insert - - TMSYS - -, therefor.

In Column 9, Line 24, delete "RDn" and insert - - RDN - -, therefor.

In Column 9, Line 27, delete "RDW," and insert - - RDN, - -, therefor,

In Column 9, Line 54, delete "a-respective" and insert - - a respective - -, therefor.

In Column 13, Line 22, delete "p1" and insert - - P1 - -, therefor at each occurrence throughout the patent.

In Column 13, Line 23, delete "p2" and insert - - P2 - -, therefor at each occurrence throughout the patent.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page __5__of__5__

PATENT NO. : 7,352,743 B2

APPLICATION NO. : 10/644,467

ISSUE DATE : April 1, 2008

: Hameleers et al.

INVENTOR(S)

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 16, Line 67, after "sync5" delete "vthe" and insert - - the - -, therefor.

In Column 20, Line 3, delete "RX" and insert - - Rx - -, therefor.

In Column 21, Line 6, delete "PFCN" and insert - - PSCN - -, therefor.

In Column 27, Line 12, delete " R_d " and insert - - Rd - -, therefor at each occurrence throughout the patent.

In Column 29, Line 53, in Claim 3, after "unit" insert - - ; - -.

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: U.S. Patent No. 7,352,743

USPTO CONFIRMATION CODE: 5948

APPLICATION NO.: 10/644,467

FILED: August 20, 2003

EXAMINER: Hassan Kizou

GROUP ART UNIT: 2619

FOR: TRAFFIC MANAGEMENT SYSTEM INCLUDING PACKET TO OBJECT

SYNCHRONIZATION MECHANISMS

37 CFR 1.322 & 37 CFR 1.323 REQUEST FOR CERTIFICATE OF CORRECTION FOR USPTO AND/OR APPLICANT MISTAKE

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS

SIR:

The following is a request for a certificate of correction in Serial Number 10/644,467, now Patent Number 7,352,743.

A certificate of correction under 35 USC 254 is respectfully requested in the above-identified patent.

The errors were the fault of both the applicant and USPTO and, accordingly, please charge $\underline{\$100.00}$ to our Deposit Account No. 50-1379. In the event that a further fee is required, please charge the amount to the same Deposit Account.

The exact locations where the errors appear in the patent and patent application are as follows:

In Fig. 5b, Sheet 6 of 10, for Tag "PCU", in Box 3, delete "SYCH" and insert - - SYNC - -, therefor.

(AMENDMENTS TO THE DRAWINGS DATED AUGUST 30, 2007, SHEET 6, FIG. 5b, TAG "PCU", BOX 3)

In Column 1, Line 64, delete "Points" and insert - - points - -, therefor. (ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 2, LINE 32)

In Column 3, Lines 64-67 - Column 4, Lines 1-32, delete "This object is also solved by......and the object movement.".

(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 6. LINES 29-36 - PAGE 7-LINES 1-28)

In Column 4, below Line 67 reading "... and the object movement" insert - - This object is also solved by a method for managing in a network the object traffic formed on a physical layer by a plurality of objects moving along a plurality of path sections of the network and a plurality of path points located at said path sections of the network, each path point having associated with it a traffic information unit adapted at least to detect the arrival of objects at the respective path point and to output a corresponding object arrival information, by controlling in a packet switched control network on a traffic control layer the packet traffic constituted by a plurality of packets being routed along a plurality of packet routing links by means of a plurality of packet control units located at said packet routing links; each packet control unit being adapted to send as a source packet control unit respective packets onto a packet routing link to a succeeding target packet control unit on the basis of a respective routing decision in accordance with a predetermined packet routing method used in said packet switched control network for the controlling of said packet traffic; wherein said packet switched control network on the traffic control layer is configured in such a way that packet routing links correspond to path sections; and packet control units correspond to path points; and wherein said controlling of said packet control unit is performed in such a way that each packet routed along a respective packet routing link corresponds to one object moving on a corresponding path section; comprising the following steps: detecting an object arrival at one of said path points and generating a corresponding object arrival information; and causing a packet control unit to send a packet corresponding to said object to the packet control unit corresponding to said path point at which the object arrival was detected. - -, therefor

(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 7, LINES 29-36, PAGE 8, LINES 1-24)

In Column 6, Line 36, delete "R_x" and insert - - Rx - -, therefor at each occurrence throughout the patent. (ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003.

(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003 PAGE 11. LINE 23)

In Column 6, Line 36, delete "Ra" and insert - - Ra - -, therefor at each occurrence throughout the patent.

(ORIĞINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 23)

In Column 6, Line 36, delete " R_b " and insert - - Rb - -, therefor at each occurrence throughout the patent.

(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 23)

In Column 6, Line 36, delete " R_c " and insert - - Rc - -, therefor at each occurrence throughout the patent.

(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 23)

In Column 6, Line 38, delete " P_x " and insert - - Px - -, therefor at each occurrence throughout the patent.

(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 25)

In Column 6, Line 36, delete " P_a " and insert - - Pa - -, therefor at each occurrence throughout the patent.

(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 25)

In Column 6, Line 36, delete " P_b " and insert - - Pb - -, therefor at each occurrence throughout the patent.

(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 25)

In Column 6, Line 36, delete " P_c " and insert - - Pc - -, therefor at each occurrence throughout the patent.

(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 23)

In Column 6, Line 38, delete "TMYS" and insert -- TMSYS --, therefor. (ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 26)

In Column 6, below Line 49 reading "....and third aspect of the invention;" insert -- Fig. 5b shows a principle block diagram of a packet control unit in accordance with the invention; --.

(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 12, LINES 10-11)

In Column 8, Line 40, delete "SMYS" and insert - - TMSYS - -, therefor. (ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 16, LINE 27)

In Column 9, Line 24, delete "RDn" and insert -- RDN --, therefor. (ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 18, LINE 10)

In Column 9, Line 27, delete "RDW," and insert - - RDN, - -, therefor. (ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 18, LINE 13)

In Column 9, Line 54, delete "a-respective" and insert - a respective - , therefor. (ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 19, LINE 6)

In Column 13, Line 22, delete "p1" and insert - - P1 - -, therefor at each occurrence throughout the patent. (ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 25, LINE 32)

In Column 13, Line 23, delete "p2" and insert - - P2 - -, therefor at each occurrence throughout the patent. (ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 25, LINE 33)

In Column 16, Line 67, after "sync5" delete "the" and insert -- the --, therefor. (ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 33, LINE 5)

In Column 20, Line 3, delete "RX" and insert - - Rx - -, therefor. (ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 39, LINE 10)

In Column 21, Line 6, delete "PFCN" and insert - - PSCN - -, therefor. (ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 41, LINE 15)

In Column 27, Line 12, delete "R_d" and insert - - Rd - -, therefor at each occurrence throughout the patent.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 53, LINE 18)

In Column 29, Line 53, in Claim 3, after "unit" insert --; --, (AMENDMENTS TO THE CLAIMS DATED AUGUST 30, 2007, PAGE 9 OF 15, CLAIM 18, LINE 15)

The requested corrections are attached on Form PTO 1050.

Respectfully Submitted

/SIDNEY L. WEATHERFORD, Reg#45602/ , 2008

Sidney L. Weatherford DATE

Registration No. 45602

Attorney of Record